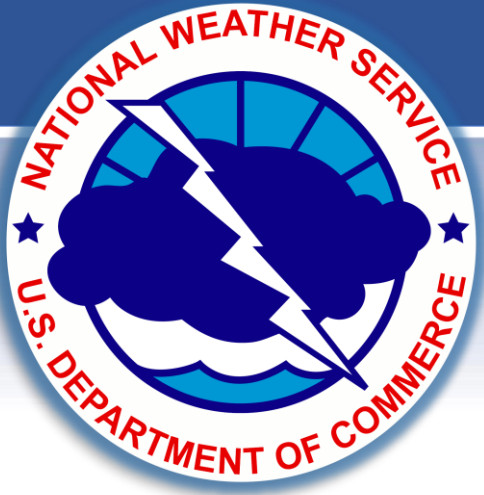


# Decision Support Briefing

## Southeast River Forecast Center



# Decision Support Briefing



**Issued:** 1:39 PM ET Sunday, February 12, 2023



Weather Ready Nation



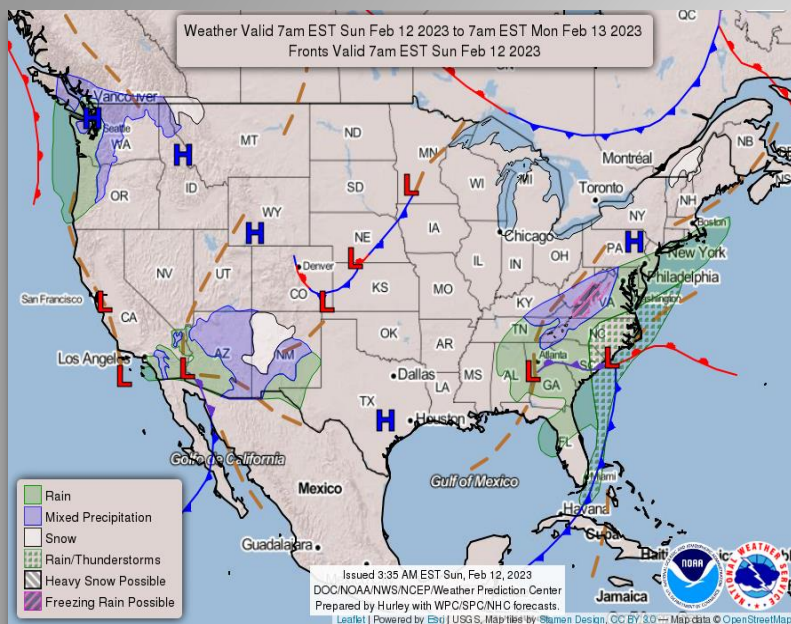
NWSSERFC



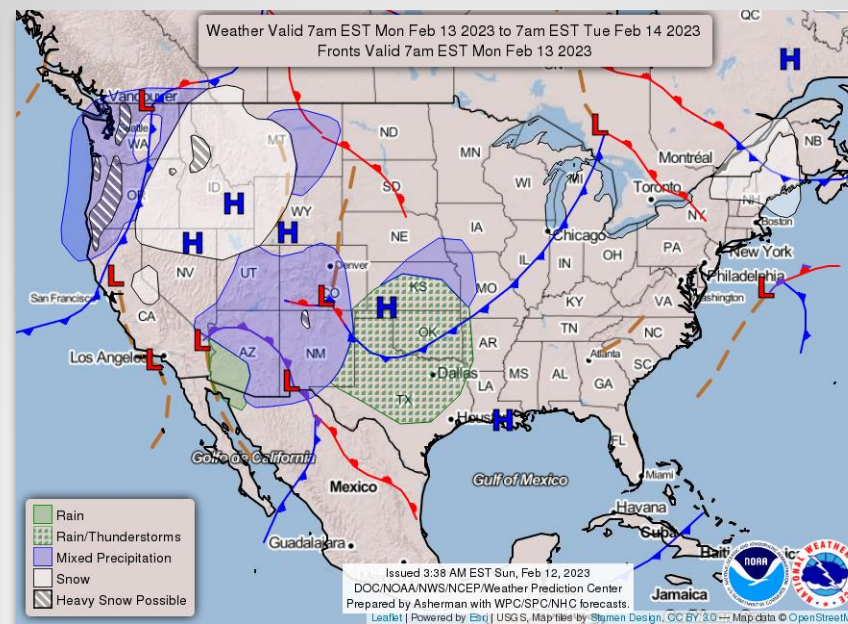
@NWSSERFC



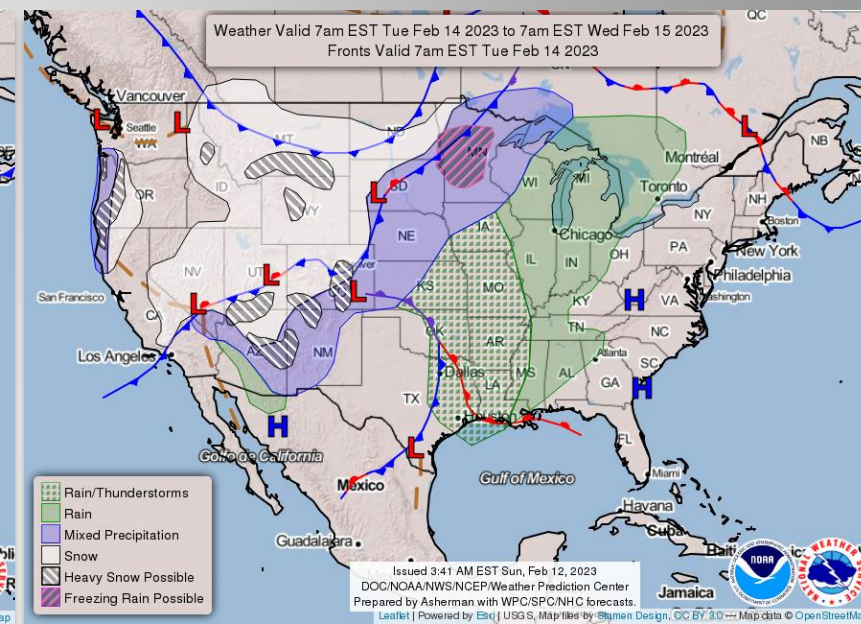
- **Heavy rain moving through the southeast US is expected to produce bankfull and minor river flood rises across the SERFC area...a few possibly reaching moderate flood stage.**
- **The river forecasts issued this morning from the SERFC include all of the rainfall expected through the remainder of the weekend.**
- **With a short break in the rain beginning Monday, rain moves back into the area late Tuesday.**
- **Please check back often for updates to forecasts that could impact communities in your area.**



Sunday



Monday



Tuesday

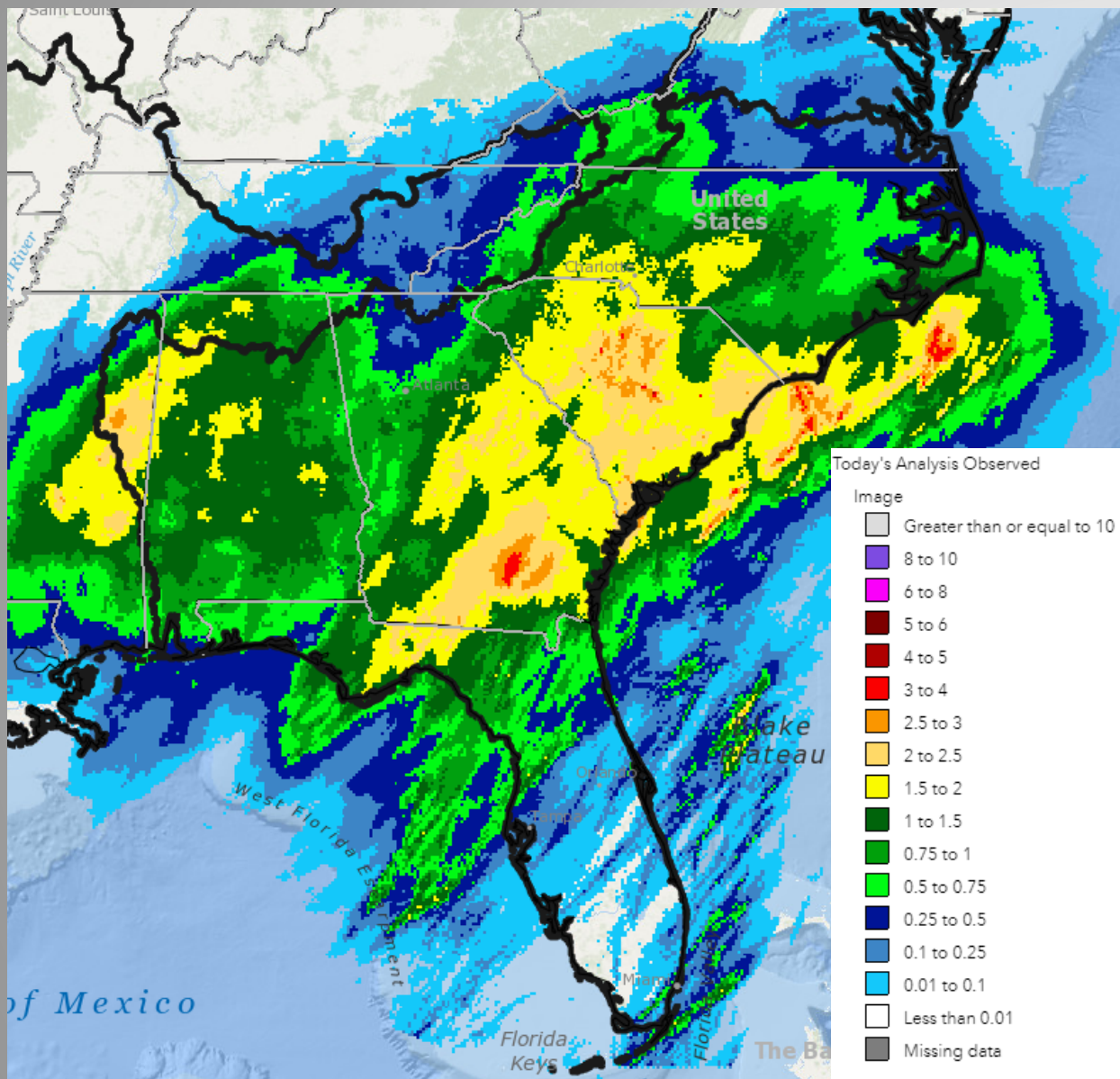
**A complex weather system will pull out of the southeast U.S. overnight and leave the area with dry weather until a new system pushes in late on Tuesday. This is a short break between rainfall events and rivers will have a short time to recover before the next rainfall event later in the week.**

# 24 – Hour Precipitation

Ending at 7 am this morning

**Southeast River Forecast Center**

Issued February 12, 2023 1:39 PM ET



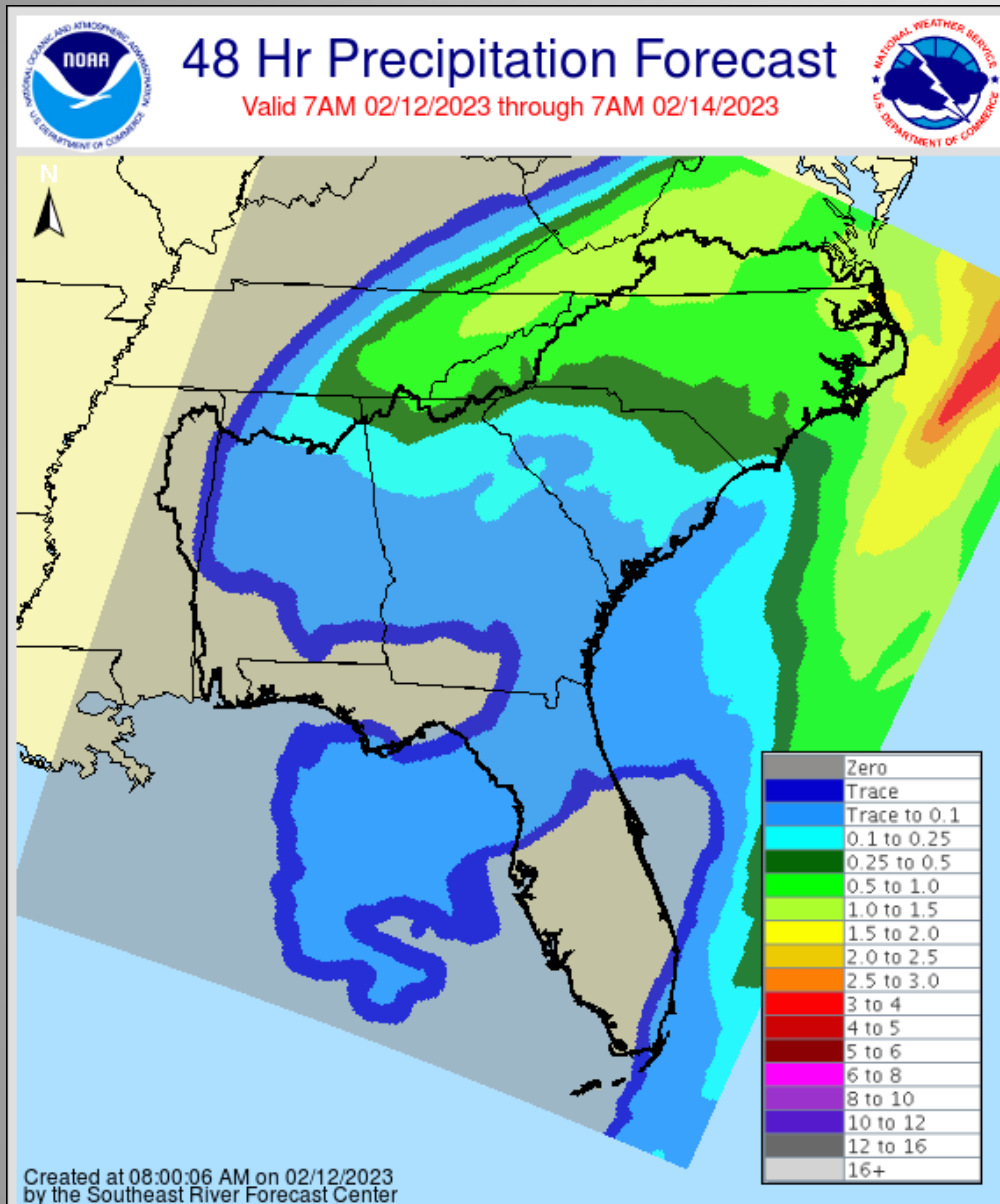
**Rain continues as low pressure slowly pushes northeast and eventually off the Atlantic Coast.**

**Heaviest rain fell in an area from south Georgia through much of South Carolina.**

# 48-hour Precipitation Forecast

**Southeast River Forecast Center**

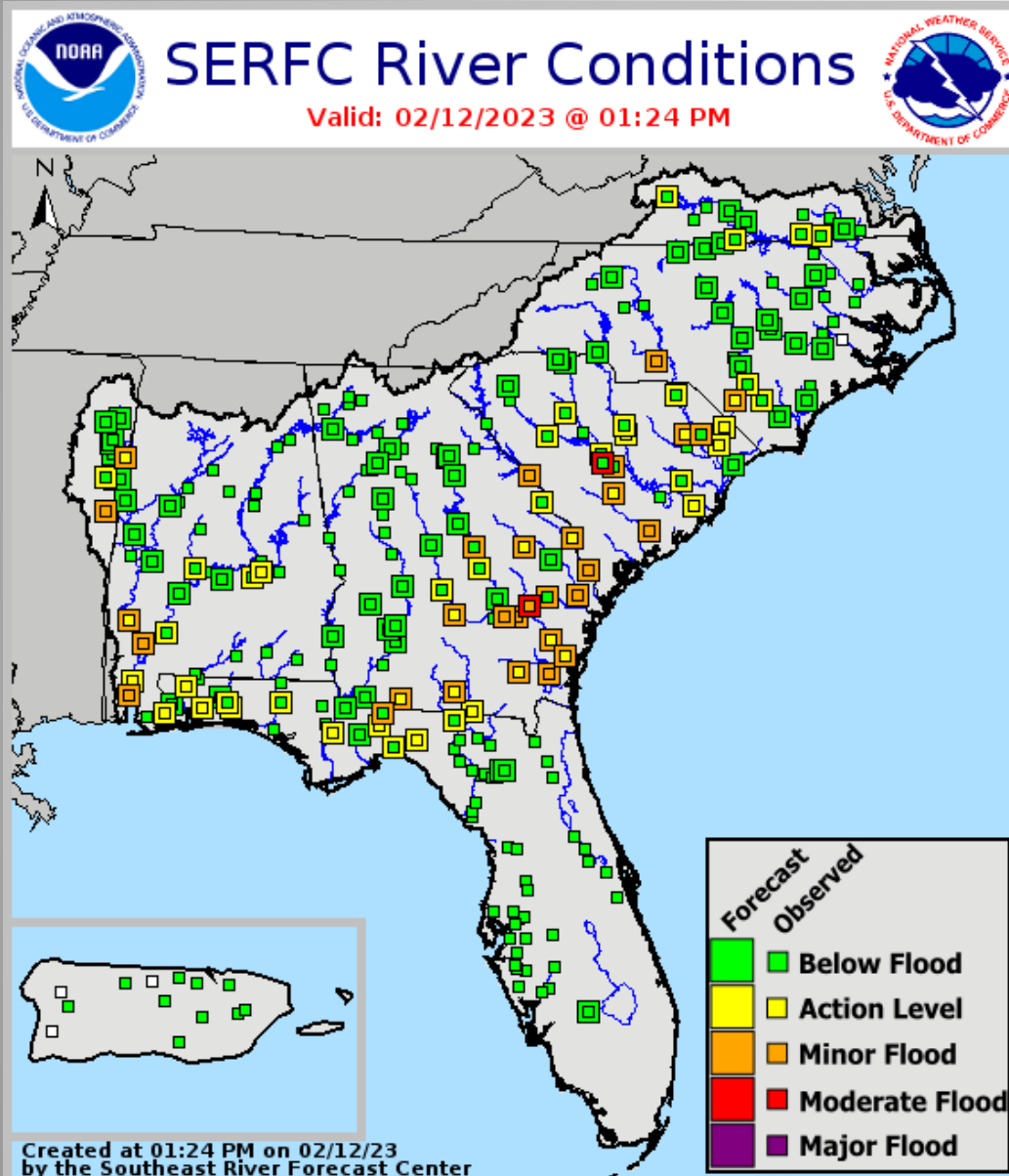
Issued February 12, 2023 1:39 PM ET



**Here is the 48-hour rainfall forecast that was included in our river models this morning.**

**This area of rain should taper off overnight ushering in drier weather for Monday.**

**The graphic on the following slide shows river forecasts that reflect both past rainfall and the forecasted rainfall shown here.**



Here are the river forecasts issued this morning that include a 48-hour rainfall forecast.

Numerous bankfull and flood stage forecasts are indicated across much of the SERFC area. Two river points are forecast to rise to moderate flood stage.

For more detailed information about forecasts in your community, go visit our web page

<https://www.weather.gov/serfc/>

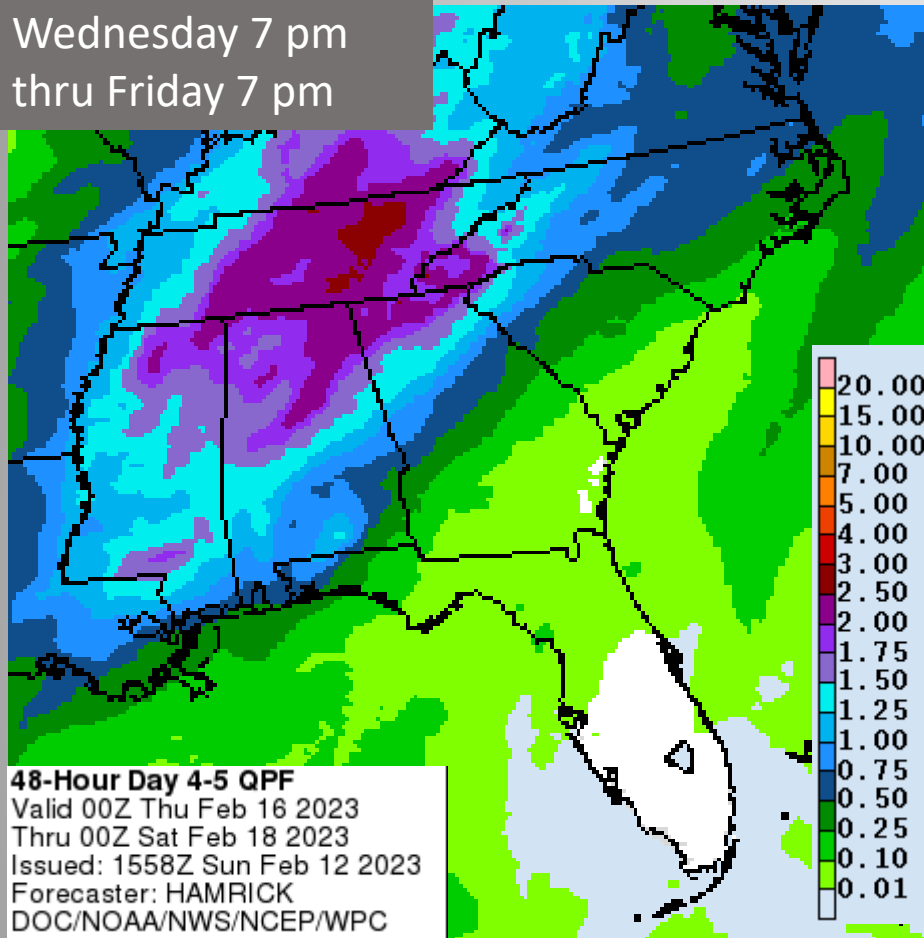
# Days 4 thru 7 Precipitation Forecast

**Southeast River Forecast Center**

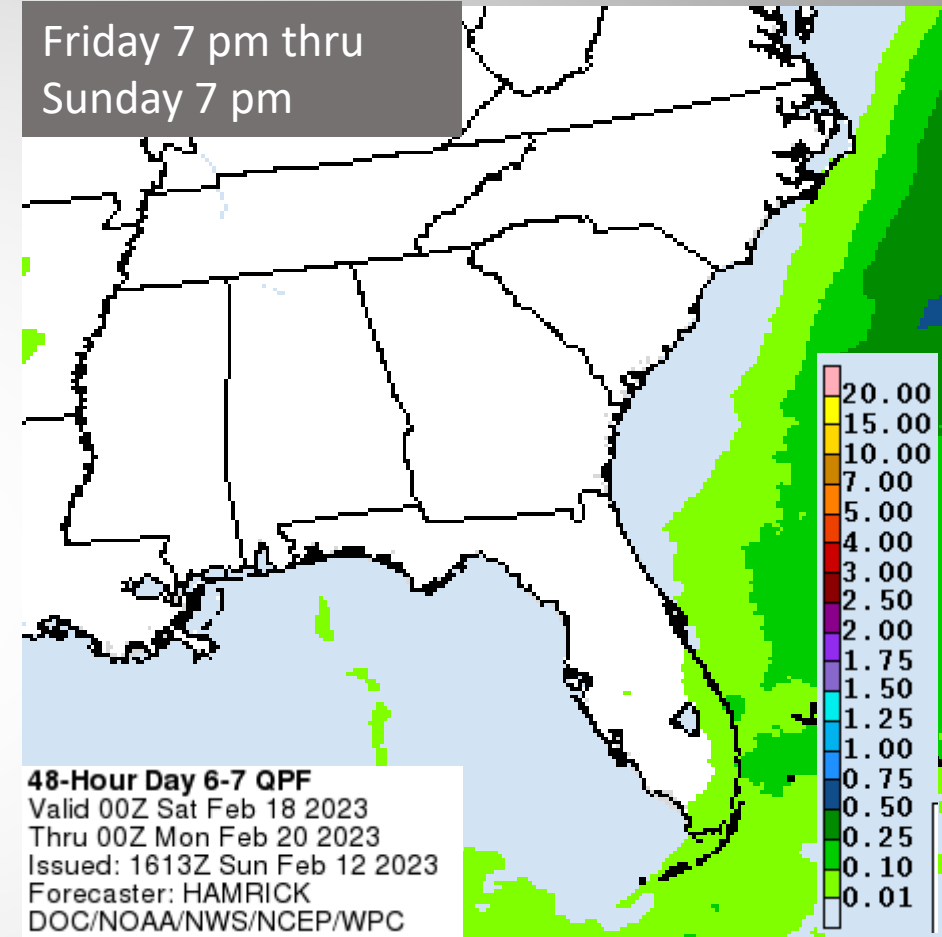
Issued February 12, 2023 1:39 PM ET



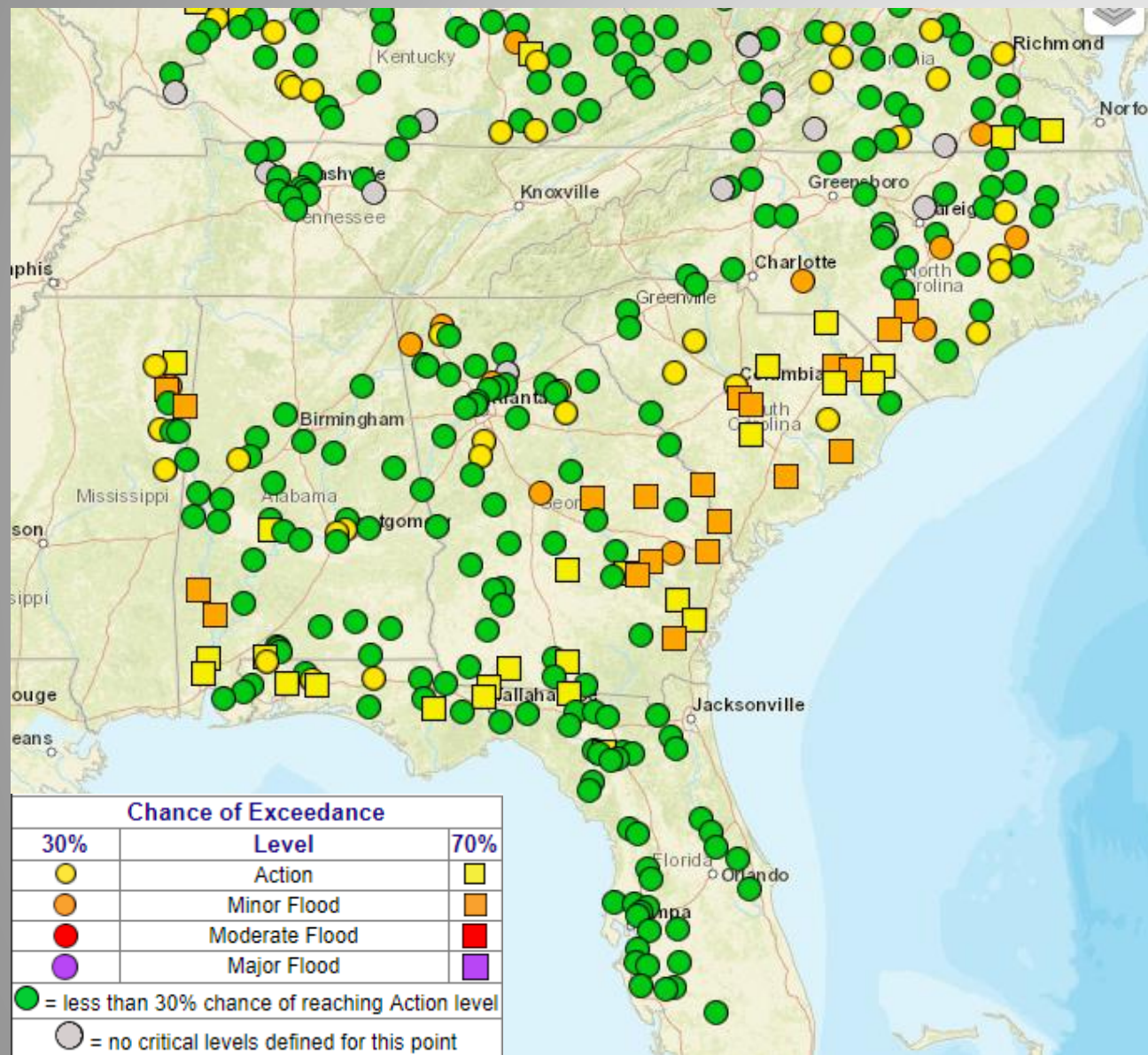
Wednesday 7 pm  
thru Friday 7 pm



Friday 7 pm thru  
Sunday 7 pm



**All of this weekend's event is included in the previous forecasted rainfall graphic. Our next event will occur in the Tuesday thru Friday timeframe with mostly dry weather next weekend. MMEFS on the next slide reflects the flood potential and includes the whole 7 days of rainfall.**



The Meteorological Model Ensemble Forecast System (MMEFS), to the left, is using the NAEFS model and addresses uncertainty in the longer lead rainfall forecast that helps to provide a confidence level for potential flooding. The NAEFS runs in our model every 12 hours.

Combining this weekend's rain and our forecast for later this week, there is potential for numerous flood stage rises throughout the southeast U.S. Monitor river forecasts throughout the week as conditions change.

To take a closer look, here is the link to more detailed information:

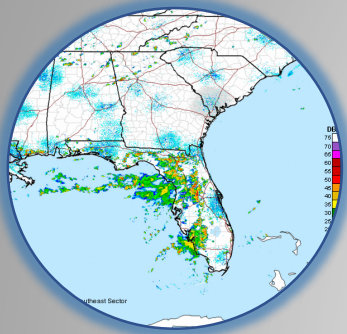
<https://www.weather.gov/erh/mmefts>



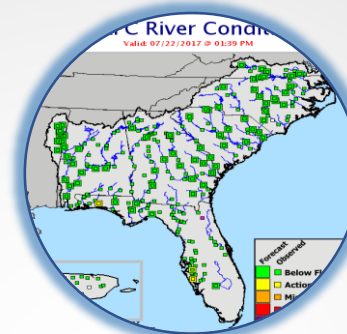
- SERFC is on 24 hour operations until further notice. Please contact us if you have any questions or concerns.
- The Daily Operational Support message will continue until further notice.

Latest River Stages and Forecasts  
are available...click here!

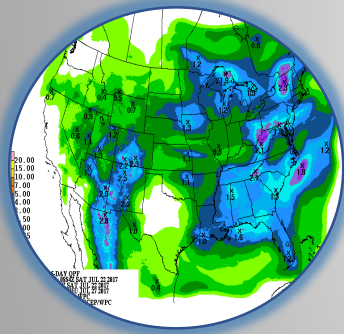
Please send all operational correspondence to  
[sr-alr.rivers@noaa.gov](mailto:sr-alr.rivers@noaa.gov) or call the office directly.



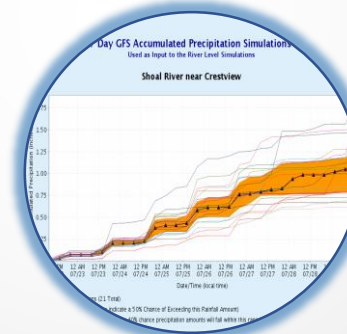
[Latest Radar](#)



[SERFC Quick Brief](#)



[Latest Forecast Rainfall](#)



[MMEFS – Ensemble River Forecasts](#)



- *The Decision Support Briefing will continue until further notice.*
- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email [sr-alr.rivers@noaa.gov](mailto:sr-alr.rivers@noaa.gov) or contact your local NWS Weather Forecast Office.*
- *Remember: SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*